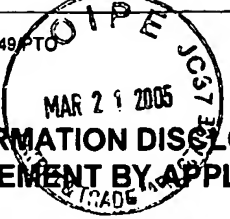


Substitute for form - 1449 PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)				<b>Complete If Known</b>	
				Application Number	10/618,401
				Filing Date	July 11, 2003
				First Named Inventor	Charles F. Fritter, et al.
				Art Unit	3644
Examiner Name	K.S. Smith				
Attorney Docket Number	430.180				
Sheet	1	of	1		

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number Number - Kind Code	Publication Date MM-DD-YY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Occur

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number	Publication Date MM-DD-YY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Occur	T
ES		JP04287626(A)	10/92	Japan		
ES		JP06343362(A)	12/94	Japan		

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T

Examiner Signature	<i>Kris Smith</i>	Date Considered	11/7/05
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**

Substitute for form - 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

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**Complete if Known**

Application Number	10/618,401
Filing Date	July 11, 2003
First Named Inventor	Charles F. Fritter, et al.
Art Unit	3644
Examiner Name	K.S. Smith
Attorney Docket Number	430.180

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No.	Document Number	Publication Date MM-DD-YY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Occur
		Number - Kind Code			
KS		US2002/0054919	05/09/02	Hochwalt et al.	
		US2002/0183201	12/05/02	Barnwell et al.	
		US2003/0072733	04/17/03	McGee, et al.	
		US2003/0131799	07/17/03	Wong, et al.	
		US2003/0148100	08/07/03	Greene et al.	
		US3,776,188	12/04/73	Komakine	
		US3,789,797	02/05/74	Brewer	
		US3,898,324	08/05/75	Komakine	
		US4,059,545	11/22/77	Corbett et al.	
		US4,085,704	04/25/78	Frazier	
		US4,256,728	03/17/81	Nishino et al.	
		US4,506,628	03/26/85	Stockel	
		US4,517,308	05/14/85	Ehlentz et al.	
		US4,565,794	01/21/86	de Buda	
		US4,591,581	05/27/86	Crampton et al.	
		US4,664,843	05/12/87	Burba, III et al.	
		US4,837,020	06/06/89	Mise et al.	
		US4,844,010	07/04/89	Ducharme, et al.	
		US4,881,490	11/21/89	Ducharme, et al.	
		US5,013,335	05/07/91	Marcus	
		US5,143,023	09/01/92	Kuhns	
		US5,176,879	01/05/93	White et al.	
		US5,232,627	08/03/93	Burba, III et al.	
		US5,279,259	01/18/94	Rice, et al.	
		US5,407,442	04/18/95	Karapasha	
		US5,458,091	10/17/95	Pattengill, et al.	
		US5,503,111	04/02/96	Hughes	
		US5,529,022	06/25/96	Nelson	
		US5,634,431	06/03/97	Reddy et al.	

K.S. Smith

11/7/05

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			Filing Date	July 11, 2003	
			First Named Inventor	Charles F. Fritter, et al.	
			Art Unit	3644	
			Examiner Name	K.S. Smith	
Sheet	2	of	13	Attorney Docket Number	430.180

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Document Number	Publication Date MM-DD-YY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Occur	T
FS		US5,648,306	07/15/97	Hahn, et al.		
		US5,655,480	08/12/97	Steckel		
		US5,664,523	09/09/97	Ochi, et al.		
		US5,743,213	04/28/98	Fujiura		
		US5,944,704	08/31/99	Guarracino et al.		
		US6,019,063	02/01/00	Haubensak et al.		
		US6,025,319	02/15/00	Surutzidis et al.		
		US6,039,004	03/21/00	Goss et al.		
		US6,080,908	06/27/00	Guarracino et al.		
		US6,089,189	07/18/00	Goss et al.		
		US6,101,978	08/15/00	Steckel		
		US6,308,658	10/30/01	Steckel		
		US6,371,050	04/16/02	Mochizuki		
		US6,426,325	07/30/02	Dente et al.		
		US6,578,521	06/17/03	Raymond et al.		
		US6,740,406	05/25/04	Hu, et al.		

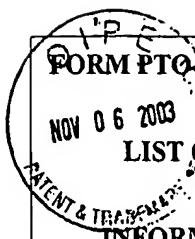
Examiner Signature	<i>K.S. Smith</i>	Date Considered	11/7/05
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Examiner Initials	Cite No.	Document Number	Publication Date MM-DD-YY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Occur	
		EP0716806	06/19/96	EPO		
KG		EP0579764	08/18/99	EPO		
KG		EP0612533	11/17/99	EPO		
KG		EP1346634	09/24/03	EPO		
KG		WO03/065796	08/14/03	PCT		
KG		WO01/19177	03/22/01	PCT		
KG		WO96/02129A1	02/01/96	PCT		
		JP03078627	03/01	Japan		
		JP05160351	05/93	Japan		

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 FORM PTO 1449 (Modified) <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>	<b>ATTY. DOCKET NO.</b> 430.180	<b>SERIAL NO.</b> 10/618,401
	<b>APPLICANT(S)</b> Charles F. Fritter, et al.	
	<b>FILING DATE</b> 07/11/03	<b>GROUP</b> 3643

**REFERENCES DESIGNATION**
**U.S. PATENT DOCUMENTS**

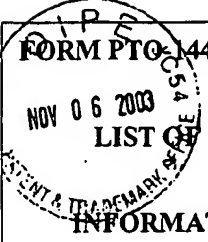
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K	AA	29,783	08/28/1860	Harris			
	AB	33,983	12/24/1861	Cauhaupé			
	AC	6,543,385	04/08/03	Raymond	119	171	
	AD	6,499,984	12/31/02	Ghebre-Sellassie, t al	425	135	
	AE	6,472,343	10/29/02	McCrae, et al.	502	180	
	AF	6,405,678	06/18/02	Ikegami et al.	119	171	
	AG	6,405,677	06/18/02	McPherson et al.	119	171	
	AH	6,319,342	11/20/01	Riddell	156	62.4	
	AI	6,294,118	09/25/01	Huber, et al.	264	118	
	AJ	6,287,550	09/11/01	Trinh, et al.	424	76.6	
	AK	6,276,300	08/21/01	Lewis, II, et al.	119	172	

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
<del>AL</del>		<del>WO 03/032719</del>	<del>04/24/03</del>	<del>PCT</del>	<del>A01K</del>	<del>1/015</del>	
<del>AM</del>		<del>WO 02/056673</del>	<del>07/25/02</del>	<del>PCT</del>	<del>A01K</del>	<del>29/00</del>	
<del>AN</del>		<del>WO 02/060496</del>	<del>08/08/02</del>	<del>PCT</del>	<del>B01J</del>	<del>20/20</del>	
<del>AO</del>		<del>WO 01/58251</del>	<del>08/16/01</del>	<del>PCT</del>	<del>A01K</del>	<del>1/015</del>	
<del>AP</del>		<del>WO 00/37020</del>	<del>06/29/00</del>	<del>PCT</del>	<del>A61K</del>		

**OTHER REFERENCES (Including Author, Title, Data, Pertinent Pages, Etc.)**

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<b>EXAMINER</b>	Karin Smith	
<b>DATE CONSIDERED</b>	11/7/05	

 <b>FORM PTO-1449 (Modified)</b> <b>LIST OF PATENTS AND PUBLICATIONS</b> <b>FOR APPLICANT'S</b> <b>INFORMATION DISCLOSURE STATEMENT</b>	<b>ATTY. DOCKET NO.</b> 430.180	<b>SERIAL NO.</b> 10/618,401
	<b>APPLICANT(S)</b> Charles F. Fritter, et al.	
	<b>FILING DATE</b> 07/11/03	<b>GROUP</b> 3643

REFERENCES DESIGNATION

U.S. PATENT DOCUMENTS

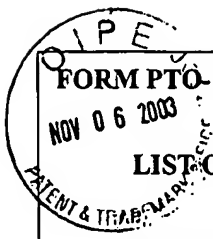
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	BB	6,220,206	04/24/01	Sottillo et al.	119	171	
	BC	6,216,634	04/17/01	Kent, et al.	119	171	
	BD	6,206,947	03/27/01	Evan, et al.	71	63	
	BE	6,194,065	02/27/01	Golan	428	359	
	BF	6,089,190	07/18/00	Jaffee, et al.	119	173	
	BG	6,030,565	02/29/00	Golan	264	117	
	BH	5,992,351	11/30/99	Jenkins	119	173	
	BI	5,975,019	11/02/99	Goss et al.	119	173	
	BJ	5,970,915	10/26/99	Schlueter, et al.	119	171	
	BK	5,901,661	05/11/99	Pattengill, et al.	119	173	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
<del>_____</del>	BL	WO 00/37020	06/29/00	PCT	A01K	29/00	
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<del>_____</del>	BN	WO 99/40776	08/19/99	PCT	A01K	1/015	
<del>_____</del>	BO	WO 99/33335	07/08/99	PCT	A01K		
<del>_____</del>	BP	WO 98/27261	06/25/98	PCT	A01K	1/015	

OTHER REFERENCES (Including Author, Title, Data, Pertinent Pages, Etc.)

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<b>EXAMINER</b> <i>Karin Smith</i> <b>DATE CONSIDERED</b> <i>11/7/05</i>		



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LIST OF PATENTS AND PUBLICATIONS  
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APPLICANT(S)

Charles F. Fritter, et al.

FILING DATE

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## REFERENCES DESIGNATION

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
K	CA	5,863,858	01/26/99	Miller, et al.	502	411	
	CB	5,860,391	01/19/99	Maxwell, et al.	119	173	
	CC	5,836,263	11/17/98	Goss et al.	119	173	
	CD	5,826,543	10/27/98	Raymond, et al.	119	173	
	CE	5,806,462	09/15/98	Parr	119	173	
	CF	5,775,259	07/07/98	Tucker	119	173	
	CG	5,762,023	06/09/98	Carter	119	173	
	CH	5,740,761	04/21/98	Lee et al.	119	173	
	CI	5,736,485	04/07/98	Miller	502	429	
	CJ	5,736,481	04/07/98	Miller	502	174	
	CK	5,735,232	04/07/98	Lang, et al.	119	171	

## FOREIGN PATENT DOCUMENTS

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	CL	WO 98/12291	03/26/98	PCT	G11D	17/00	
	CM	WO 90/09099	08/23/90	PCT	A01K	1/015	
	CN	EP 0885557 A1	12/23/98	EPO	A01K	1/015	
	CO	EP 0759323 B1	07/04/01	EPO	B01J	2/00	
	CP						

## OTHER REFERENCES (Including Author, Title, Data, Pertinent Pages, Etc.)

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		<b>APPLICANT(S)</b> Charles F. Fritter, et al.	
		<b>FILING DATE</b> 07/11/03	<b>GROUP</b> 3643

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
<i>KS</i>	DA	5,691,270	11/25/97	Miller	502	416	
	DB	5,680,830	10/28/97	Kawaguchi, et al.	119	172	
	DC	5,655,480	08/12/97	Steckel	119	171	
	DD	5,647,300	07/15/97	Tucker	119	173	
	DE	5,638,770	06/17/97	Peleties	119	173	
	DF	5,609,123	03/11/97	Luke et al.	119	173	
	DG	5,579,722	12/03/96	Yamamoto, et al.	119	169	
	DH	5,577,463	11/26/96	Elazier-Davis, et al.	119	173	
	DI	5,566,642	10/22/96	Ochi	119	171	
	DJ	5,542,374	08/06/96	Palmer, Jr.	119	173	
	DK	5,538,932	07/23/96	Yan, et al.	502	424	

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EXAMINER	<i>Kir Smith</i>	
DATE CONSIDERED	<i>11/7/05</i>	



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LIST OF PATENTS AND PUBLICATIONS

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U.S. PATENT DOCUMENTS

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IS	EA	5,503,111	04/02/96	Hughes	119	173	
	EB	5,480,584	01/02/96	Urano, et al.	252	384	
	EC	5,469,809	11/28/95	Coleman	119	173	
	ED	5,458,091	10/17/95	Pattengill, et al.	119	173	
	EE	5,452,684	09/26/95	Elazier-Davis, et al.	119	173	
	EF	5,450,817	09/19/95	Hahn et al.	119	173	
	EG	5,421,291	06/06/95	Lawson et al.	119	173	
	EH	5,389,325	02/14/95	Bookbinder, et al.	264	177.12	
	EI	5,386,803	02/07/95	Hughes	119	173	
	EJ	5,361,719	11/08/94	Kiebke	119	171	
	EK	5,359,961	11/01/94	Goss, et al.	119	173	

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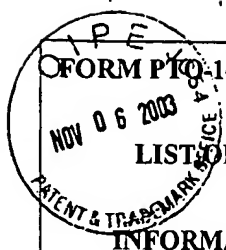
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	<b>APPLICANT(S)</b> Charles F. Fritter, et al.	
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K	FA	5,345,787	09/13/94	Piltingsrud	62	55.5	
	FB	5,339,769	08/23/94	Toth et al.	119	173	
	FC	5,329,880	07/19/94	Pattengill, et al.	119	171	
	FD	5,325,816	07/05/94	Pattengill, et al.	119	173	
	FE	5,320,066	06/14/94	Gunter	119	28.5	
	FF	5,318,953	06/07/94	Hughes	507	100	
	FG	5,317,990	06/07/94	Hughes	119	173	
	FH	5,304,527	04/19/94	Dimitri	502	425	
	FI	5,276,000	01/04/94	Matthews et al.	502	424	
	FJ	5,250,491	10/05/93	Yan	502	424	
	FK	5,238,470	08/24/93	Tolles, et al.	95	143	

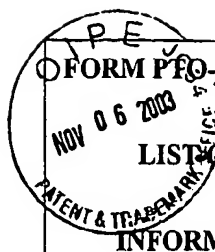
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## OTHER REFERENCES (Including Author, Title, Data, Pertinent Pages, Etc.)

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	FS	
	FT	

<b>EXAMINER</b> <i>Kim S. Gatti</i>	<b>DATE CONSIDERED</b> <i>11/17/05</i>
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APPLICANT(S)

Charles F. Fritter, et al.

FILING DATE

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3643

## REFERENCES DESIGNATION

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IC	GA	5,230,305	07/27/93	House	119	171	
	GB	5,210,112	05/11/93	Shimoda, et al.	523	132	
	GC	5,207,830	05/04/93	Cowan, et al.	106	672	
	GD	5,206,207	04/27/93	Tolles	502	424	
	GE	5,204,310	04/20/93	Tolles, et al.	502	416	
	GF	5,196,473	03/23/93	Valenta et al.	524	445	
	GG	5,193,489	03/16/93	Hardin	119	173	
	GH	5,188,064	02/23/93	House	119	172	
	GI	5,183,655	02/02/93	Stanislawski, et al.	424	76.6	
	GJ	5,183,010	02/02/93	Raymond, et al.	119	172	
	GK	5,176,108	01/05/93	Jenkins et al.	119	173	

## FOREIGN PATENT DOCUMENTS

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	GL						
	GM						
	GN						
	GO						
	GP						

## OTHER REFERENCES (Including Author, Title, Data, Pertinent Pages, Etc.)

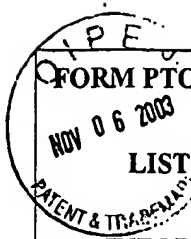
	GR	
	GS	
	GT	

EXAMINER

*Kris Smith*

DATE CONSIDERED

11/7/05



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LIST OF PATENTS AND PUBLICATIONS  
FOR APPLICANT'S  
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.

430.18

SERIAL NO.

10/618,401

APPLICANT(S)

Charles F. Fritter, et al.

FILING DATE

07/11/03

GROUP

3643

## REFERENCES DESIGNATION

## U.S. PATENT DOCUMENTS

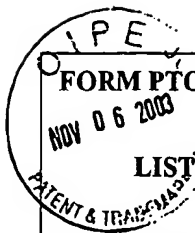
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
FS	HA	5,176,107	01/05/93	Buschur	119	173	
	HB	5,152,250	10/06/92	Loeb	119	171	
	HC	5,146,877	09/15/92	Jaffee et al.	119	172	
	HD	5,135,743	08/04/92	Stanislawski, et al.	424	76.6	
	HE	5,129,365	07/14/92	Hughes	119	173	
	HF	5,109,805	05/05/92	Baldry et al.	119	173	
	HG	5,101,771	04/07/92	Goss	119	173	
	HH	5,100,600	03/31/92	Keller et al.	264	112	
	HI	5,094,190	03/10/92	Ratcliff, et al.	119	173	
	HJ	5,094,189	03/10/92	Aylen et al.	119	173	
	HK	5,079,201	01/07/92	Chu et al.	502	68	

## FOREIGN PATENT DOCUMENTS

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	HL						
	HM						
	HN						
	HO						
	HP						

## OTHER REFERENCES (Including Author, Title, Data, Pertinent Pages, Etc.)

	HR	
	HS	
	HT	
EXAMINER	Kwint Smith	
DATE CONSIDERED	11/7/05	



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APPLICANT(S)

Charles F. Fritter, et al.

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## REFERENCES DESIGNATION

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
<i>sf</i>	IA	5,062,383	11/05/91	Nelson	119	173	
	IB	5,032,549	07/16/91	Lang et al.	501	84	
	IC	5,019,254	05/28/91	Abrevaya et al.	210	169	
	ID	5,018,482	05/28/91	Stanislawski, et al.	119	173	
	IE	5,014,650	05/14/91	Sowle et al.	119	171	
	IF	5,005,520	04/09/91	Michael	119	172	
	IG	5,005,115	03/19/91	Hughes	119	173	
	IH	4,949,672	08/21/90	Ratcliff, et al.	119	1	
	II	4,920,090	04/24/90	Ritter, et al.	502	439	
	IJ	4,914,066	04/03/90	Woodrum	502	62	
	IK	4,866,023	09/12/89	Ritter, et al.	502	174	

## FOREIGN PATENT DOCUMENTS

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	IM						
	IN						
	IO						
	IP						

## OTHER REFERENCES (Including Author, Title, Data, Pertinent Pages, Etc.)

	IR	
	IS	
	IT	

EXAMINER

*Karin Sutton*

DATE CONSIDERED

*11/7/05*

U.S. PATENT & TRADEMARK OFFICE  
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<b>FORM PTO-1449 (Modified)</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>	<b>ATTY. DOCKET NO.</b> 430.180	<b>SERIAL NO.</b> 10/618,401
	<b>APPLICANT(S)</b> Charles F. Fritter, et al.	
	<b>FILING DATE</b> 07/11/03	<b>GROUP</b> 3643

REFERENCES DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
KS	JA	4,824,810	04/25/89	Lang et al.	501	84	
	JB	4,793,837	12/27/88	Pontius	55	316	
	JC	4,721,059	01/26/88	Lowe et al.	119	1	
	JD	4,704,989	11/10/87	Rosenfeld	119	1	
	JE	4,677,086	06/30/87	McCue, et al.	502	62	
	JF	4,657,881	04/14/87	Crampton et al.	502	80	
	JG	4,641,605	02/10/87	Gordon	119	1	
	JH	4,638,763	01/27/87	Greenberg	119	1	
	JI	4,621,011	11/04/86	Fleischer, et al.	428	221	
	JJ	4,607,594	08/26/86	Thacker	119	1	
	JK	4,568,453	02/04/86	Lowe, Jr.	209	135	

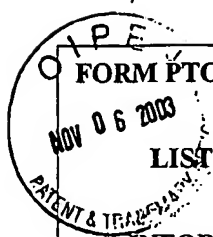
FOREIGN PATENT DOCUMENTS

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	JM						
	JN						
	JO						
	JP						

OTHER REFERENCES (Including Author, Title, Data, Pertinent Pages, Etc.)

	JR	
	JS	
	JT	

<b>EXAMINER</b> Karin Smith	<b>DATE CONSIDERED</b> 11/7/05
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KG	KA	4,560,527	12/24/85	Harke, et al.	264	500	
	KB	4,437,429	03/20/84	Goldstein et al.	119	1	
	KC	4,407,231	10/04/83	Colborn, et al.	119	1	
	KD	4,306,516	12/22/81	Currey	119	1	
	KE	4,275,684	06/30/81	Kramer et al.	119	1	
	KF	4,263,873	04/28/81	Christianson	119	1	
	KG	4,187,803	02/12/80	Valenta	119	1	
	KH	3,993,584	11/23/76	Owen et al.	252	383	
	KI	3,892,846	07/01/75	Wortham	424	76	
	KJ	3,821,346	06/28/74	Batley, Jr.	264	115	
	KK	3,059,615	10/23/62	Kuceski et al.	119	1	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
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	KM						
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	KO						
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## OTHER REFERENCES (Including Author, Title, Data, Pertinent Pages, Etc.)

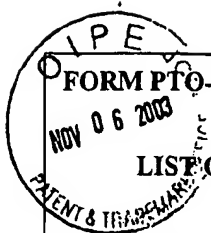
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	KS	
	KT	

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*Karin Smith*

DATE CONSIDERED

11/7/05



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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
KS	LA	3,029,783	04/17/62	Sawyer, Jr. et al.	119	1	
	LB	2003/0051673	03/20/03	Raymond et al.	119	171	
	LC	2002/0117117	08/29/02	Raymond et al.	119	171	
	LD	2002/0153311	10/24/02	Farquhar Davidson	210	634	
	LE	2002/0014209	02/07/02	Bloomer	119	172	
	LF	2002/0007800	01/24/02	Ochi et al.	119	171	
	LG	2002/0000207	01/03/02	Ikegami	119	171	
	LH	2001/0049514	12/06/01	Dodge, II, et al.	604	368	
	LI	2001/0018308	08/30/01	Quick, et al.	442	417	
	LJ						
	LK						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
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	LM						
	LN						
	LO						
	LP						

## OTHER REFERENCES (Including Author, Title, Data, Pertinent Pages, Etc.)

	LR	
	LS	
	LT	

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*Chris Smith*

DATE CONSIDERED

11/7/05